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**Solving Kronig-Penney Model Numerically**

* Two matlab files — newtonMethod.m and driver.m — have been attached with the submission.
* The matlab function newtonMethod.m implements the Newton-Raphson root finding algorithm.
* The driver.m script uses newtonMethod.m to solve the Kronig-Penney model and obtains energy eigenvalues.
  + It prints the first five roots of the transcendental equation for .
  + Then it plots a graph of first five energy eigenstates vs. .

Sample output

